

ABSTRACT

An audio safety apparatus for vehicles and equipment that operate in a reverse mode using Electro-mechanical or mechanical means adaptable to various electro-mechanical applications. The apparatus is used for cars, buses, trucks, planes or any other vehicle that moves and has a battery as part of its power supply. The audio safety apparatus has a backing safety system, a school bus stop sign arm safety system, and a driver information safety system. Through a system of hardware connected to a CPU (central processing unit), a sound chip and a waterproof speaker, the apparatus is programmed to recognize dangerous vehicle situations and alert the operator of a vehicle in an audible manner before accidents occur. The audio safety apparatus includes a driver inspection program for use before the vehicle is put in operation or put to motion. With the voice auditory warnings, the apparatus is programmed to sound when the vehicle is backing or unloading occupants, or any other potentially dangerous activity in which a passerby to the vicinity of the vehicle or the operator of the said vehicle may become subjected to injuries.